



Docket No.: SON-2218  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Koichiro Kishima et al.

Application No.: 09/940,469

Art Unit: 2653

Filed: August 29, 2001

Examiner: P. W. Huber

For: OPTICAL HEAD AND OPTICAL PICKUP  
HAVING IMPROVED THERMAL COEFFICIENT  
MATCHING FOR THERMAL EXPANSION  
ADJUSTMENT (As amended)

Confirmation No. 4902

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**RECEIVED**  
JUL 30 2004  
Technology Center 2600

**INTRODUCTORY COMMENTS**

In response to the Office Action dated June 26, 2004 (Paper No. 5), please amend the above-identified U.S. patent application as follows:

**Amendments to the Title** begin on page 2 of this paper.

**Amendments to the Specification** begin on page 3 of this paper.

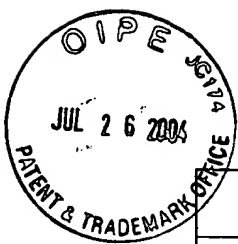
**Amendments to the Claims** begin on page 4 of this paper.

**Remarks/Arguments** begin on page 14 of this paper.

**AMENDMENTS TO THE TITLE**

Please amend the title as follows:

OPTICAL HEAD AND OPTICAL PICKUP HAVING IMPROVED THERMAL  
COEFFICIENT MATCHING FOR THERMAL EXPANSION ADJUSTMENT



2653  
418  
1

# AMENDMENT TRANSMITTAL LETTER

Docket No.  
SON-2218

Application No.  
09/940,469-Conf. #4902

Filing Date  
August 29, 2001

Examiner  
P. W. Huber

Art Unit  
2653

Applicant(s): Koichiro Kishima et al.

Invention: OPTICAL HEAD AND OPTICAL PICKUP HAVING IMPROVED THERMAL COEFFICIENT MATCHING FOR THERMAL EXPANSION ADJUSTMENT (As amended)

## TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

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JUL 30 2004

Technology Center 2600

### CLAIMS AS AMENDED

	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	31	- 34 =	0	x	
Independent Claims	10	- 6 =	4	x \$86.00	\$344.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify): Extension for response within first month					110.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					\$454.00

☒ Large Entity

☐ Small Entity

☐ No additional fee is required for this amendment.

☒ Please charge Deposit Account No. 18-0013 in the amount of \$ 454.00.  
A duplicate copy of this sheet is enclosed.

☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized to charge and credit Deposit Account No. 18-0013  
as described below. A duplicate copy of this sheet is enclosed.

☒ Credit any overpayment.

☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

Dated: July 26, 2004

Ronald P. Karanen  
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